

Notice of Allowability

Application No.

10/660,406

Examiner

Ghassem Alie

Applicant(s)

CHANG, CHIN-CHIN

Art Unit

3724

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 10/27/05.
2. ☒ The allowed claim(s) is/are 1.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☒ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☒ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date 01/23/06.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date 01/23/06.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a communication with Harold Pezzner (Reg. No. 22,112) on 01/23/06. The application has been amended as follows:

In the claims:

Claim 1, lines 22-23, "the housing is longitudinally and pivotally connected to connector" has been changed to --the housing is longitudinally and pivotally connected to the connector--.

In the drawings:

In Fig 5, two small circulars on the connector 23 have been deleted.

Reasons for Allowance

2. The following is an examiner's statement of reasons for allowance: The claim is allowable because prior art fails to teach that the universal arm, which is pivotally mounted to a rear end of the base, includes a first linkage set and a second linkage set which are pivotally connected together and to the end of the connector. The prior art also fails to teach that the housing is longitudinally and pivotally connected to the connector by a pivot that pivotally extends through the connector and the housing such that the housing is reciprocally circularly moved relative to the connector. The prior art also fails to teach that the drive

device is longitudinally mounted to the housing for driving the saw blade as set forth in THE claim.

Regarding claim 1, Olsen (1,765,733) teaches a hand-controlled circular saw including a base member having a supporting seat and connector rods upwardly extending from the connected seat. Olsen also teaches a housing with a saw blade pivotally connected to a universal arm and the blade laterally and rotatably connected the housing. Olsen also teaches a connector is connected to the housing and the end of a linkage set. Olsen also teaches a drive device mounted to the housing and having including a casing securely connected to the housing a motor securely received in the casing and radially corresponding to the saw blade along a moving direction of the saw blade. Olsen also teaches a shaft rotatably extending from the motor.

Meredith et al. (2002/0152867), hereinafter Meredith, teaches a drive device that includes a worm, a worm gear, and an endless belt surrounding first and second belt wheels.

However, Olsen in view of Meredith fails to teach that the universal arm, which is pivotally mounted to a rear end of the base, includes a first linkage set and a second linkage set which are pivotally together and to the end of the connector. The prior art also fails to teach that the housing is longitudinally and pivotally connected to the connector by a pivot that pivotally extends through the connector and the housing such that the housing is reciprocally circularly moved relative to the connector. The prior art also fails to teach that the drive device is longitudinally mounted to the housing for driving the saw blade as set forth in the claim.

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None of these references by themselves or in combination with the other prior art cited teach the claimed invention set forth in the claim.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ghassem Alie whose telephone number is (571) 272-4501. The examiner can normally be reached on Mon-Fri 8:30 am - 5:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Allan Shoap can be reached on (571) 272-4514. The fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, SEE <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (too-free).

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January 23, 2006



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